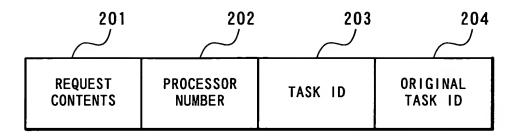
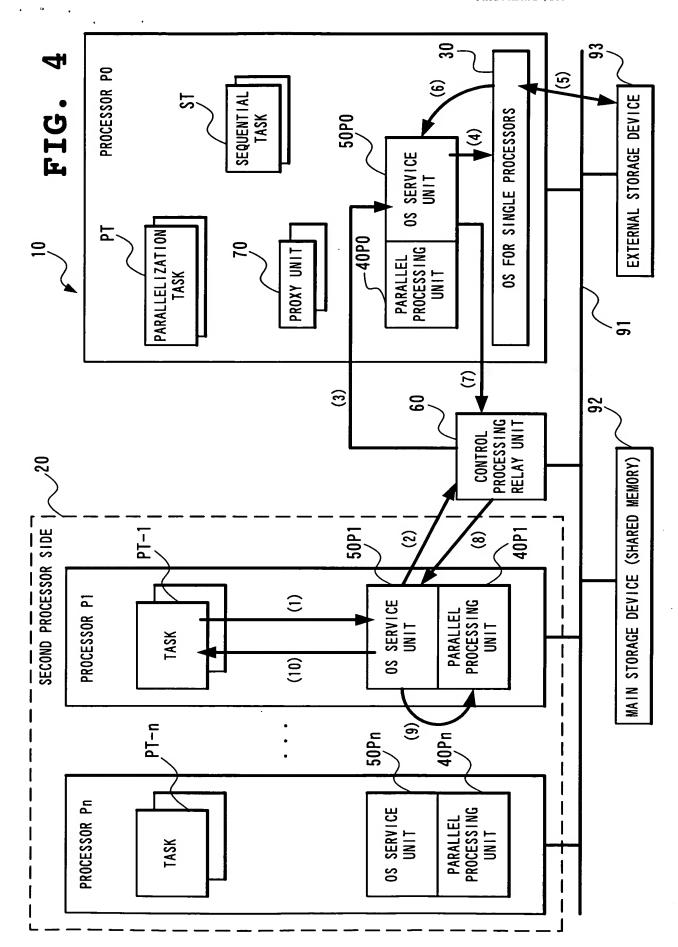
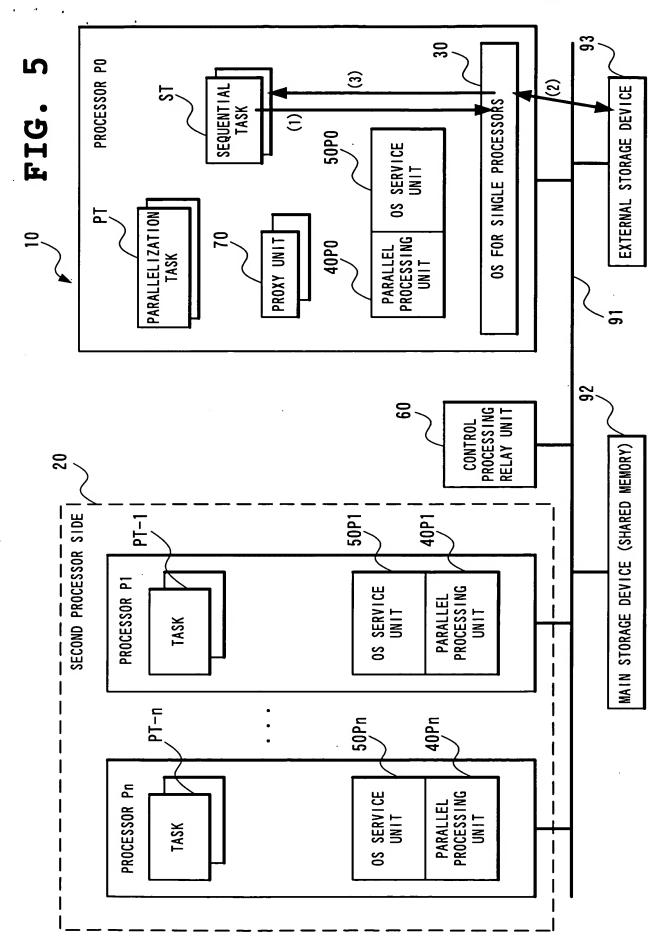
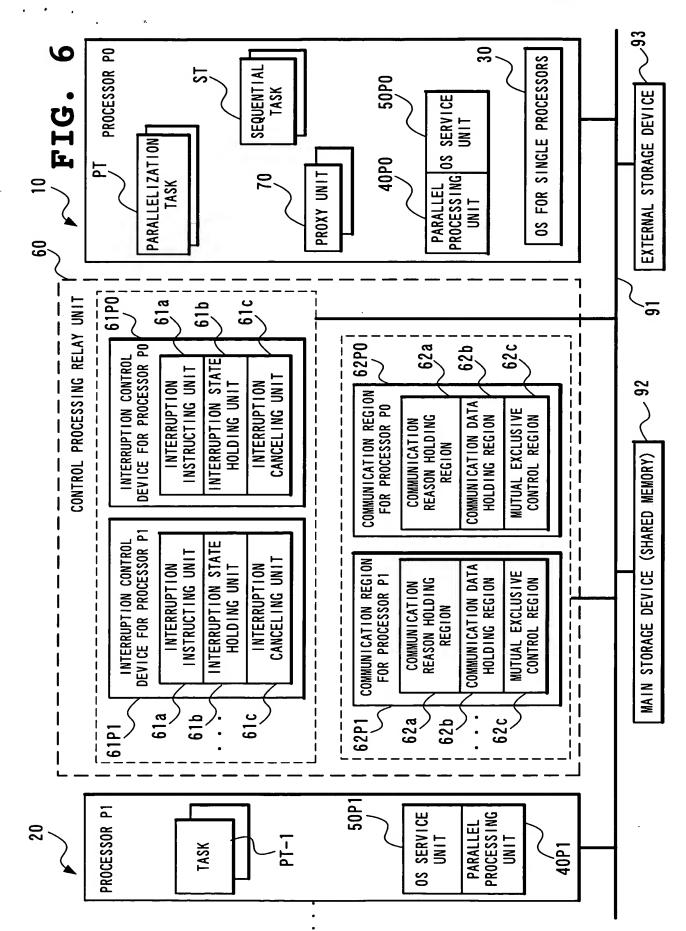


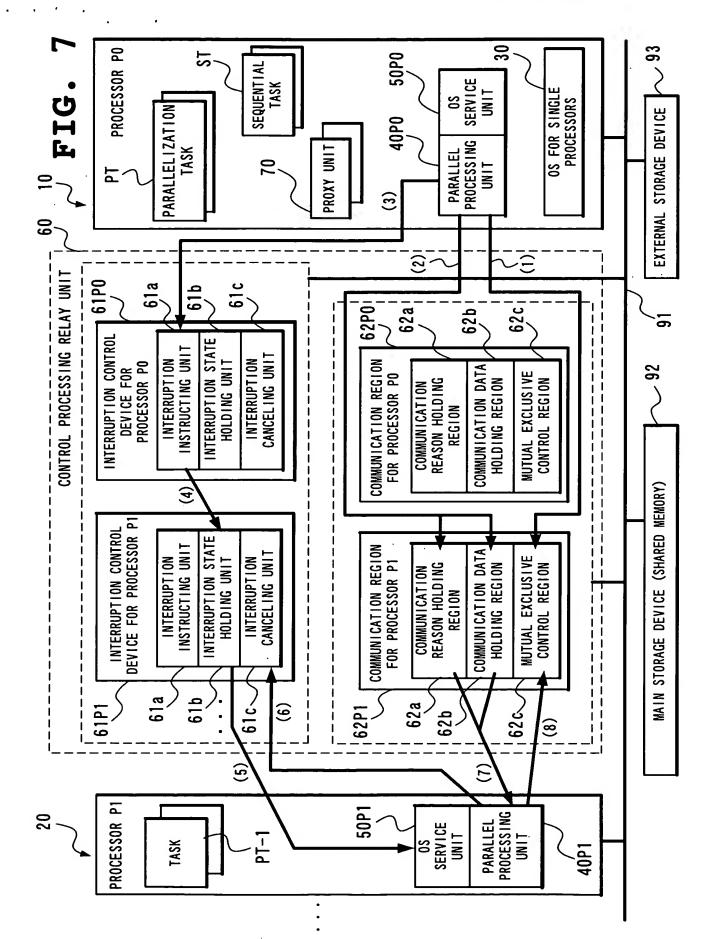
FIG. 3

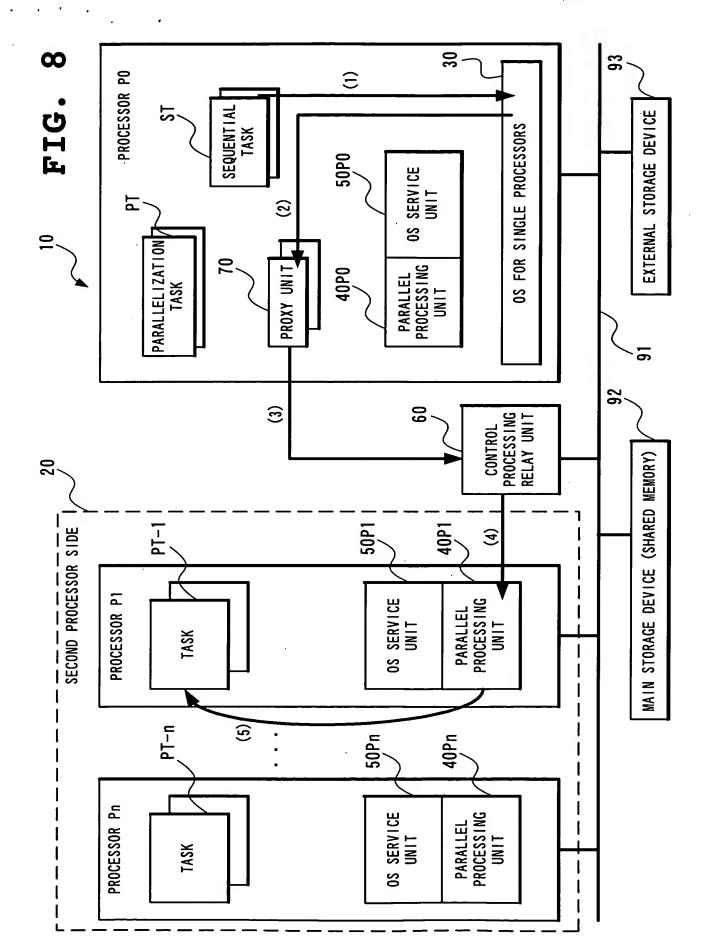


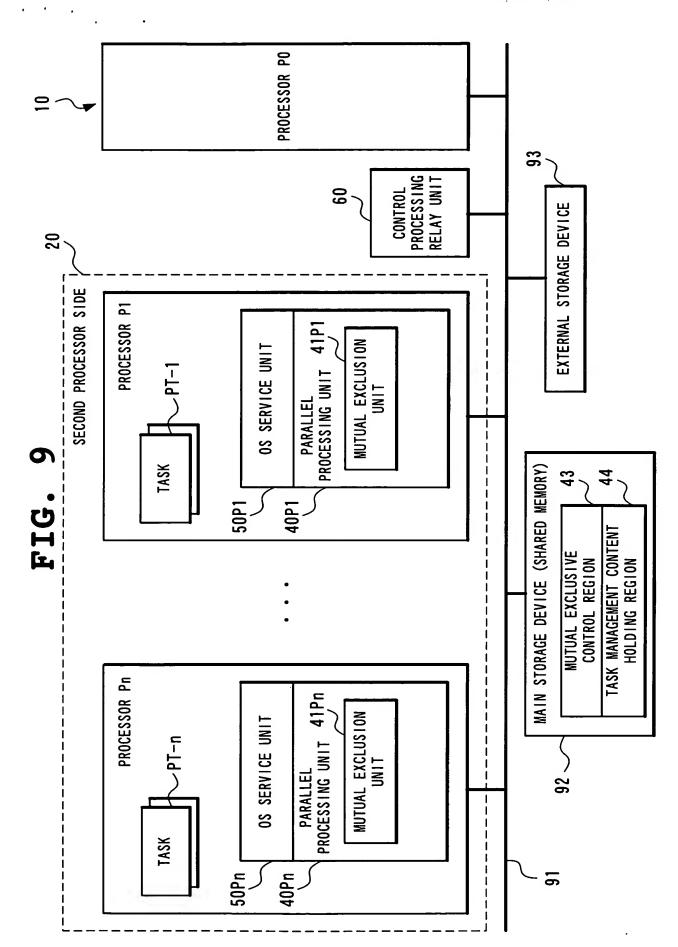


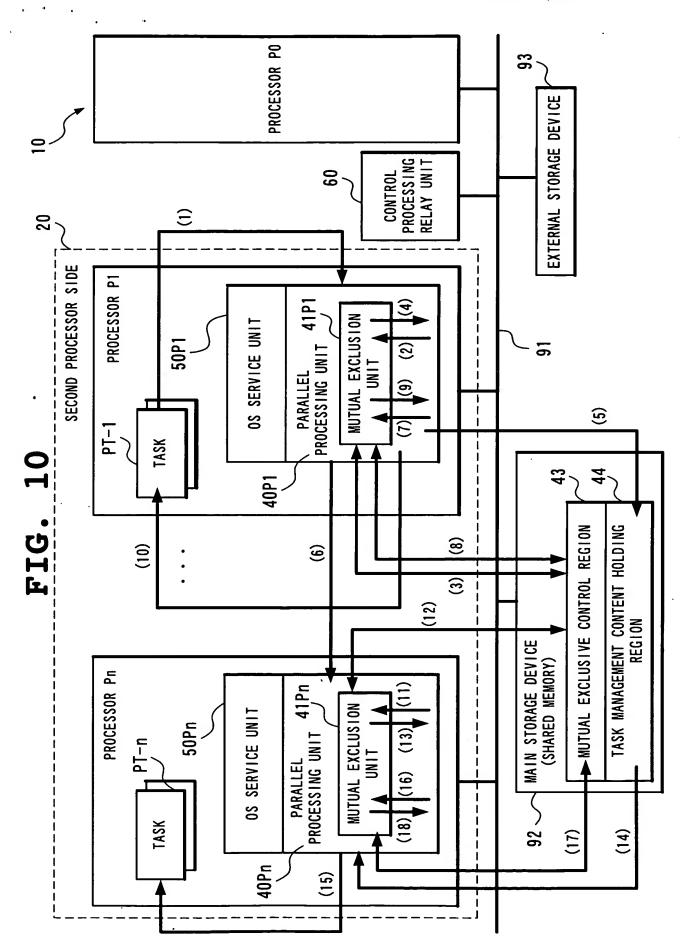


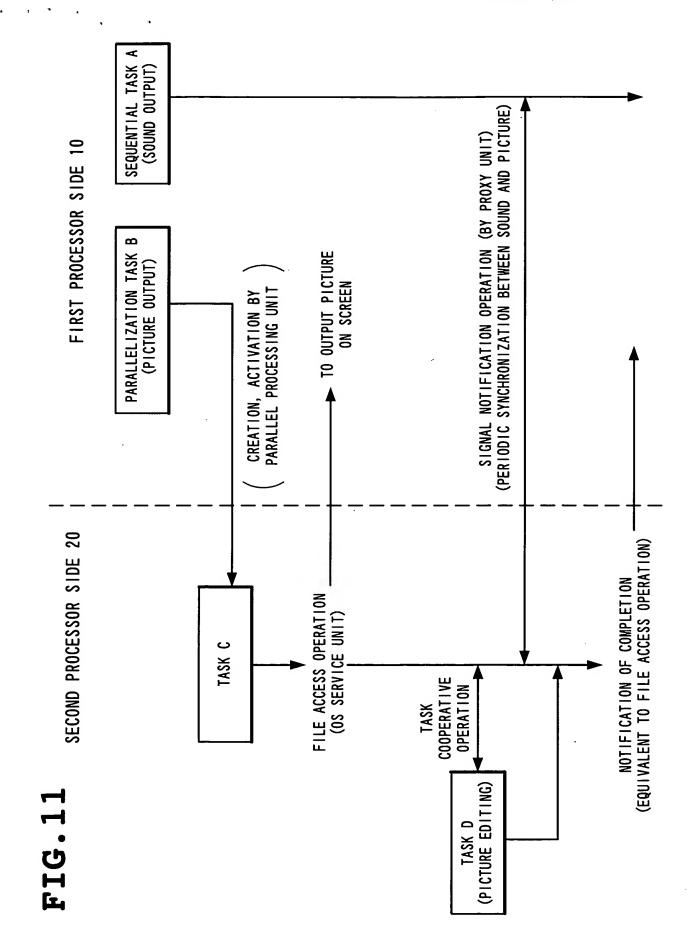


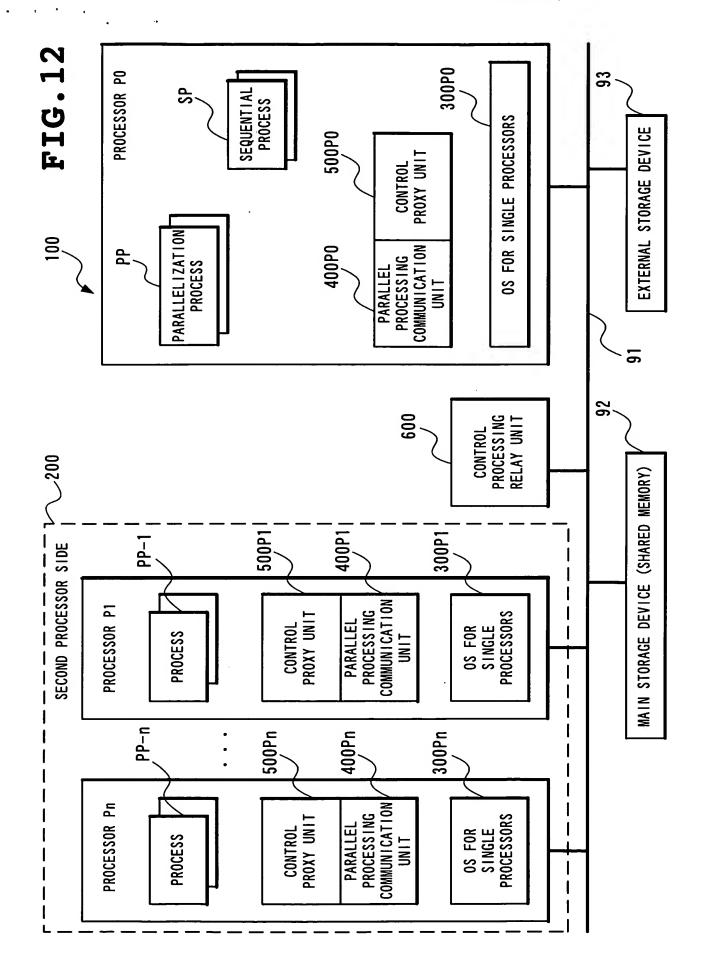


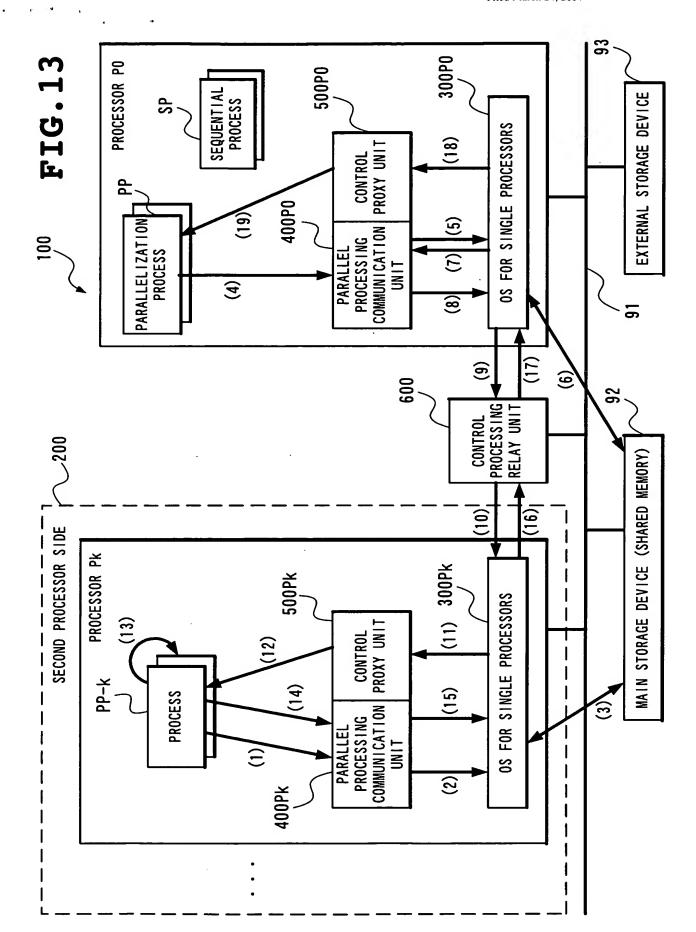


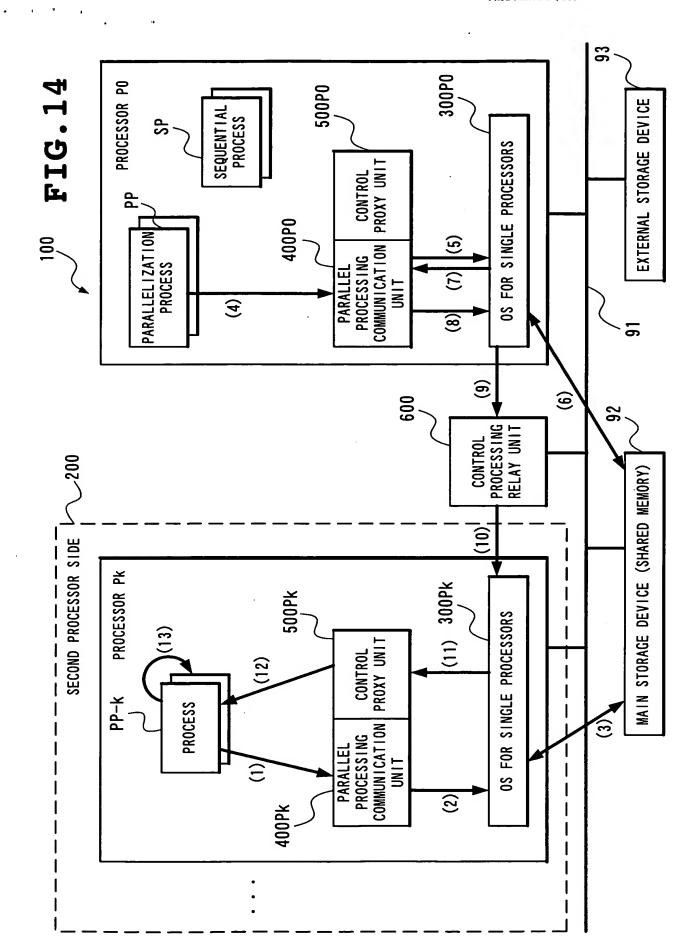


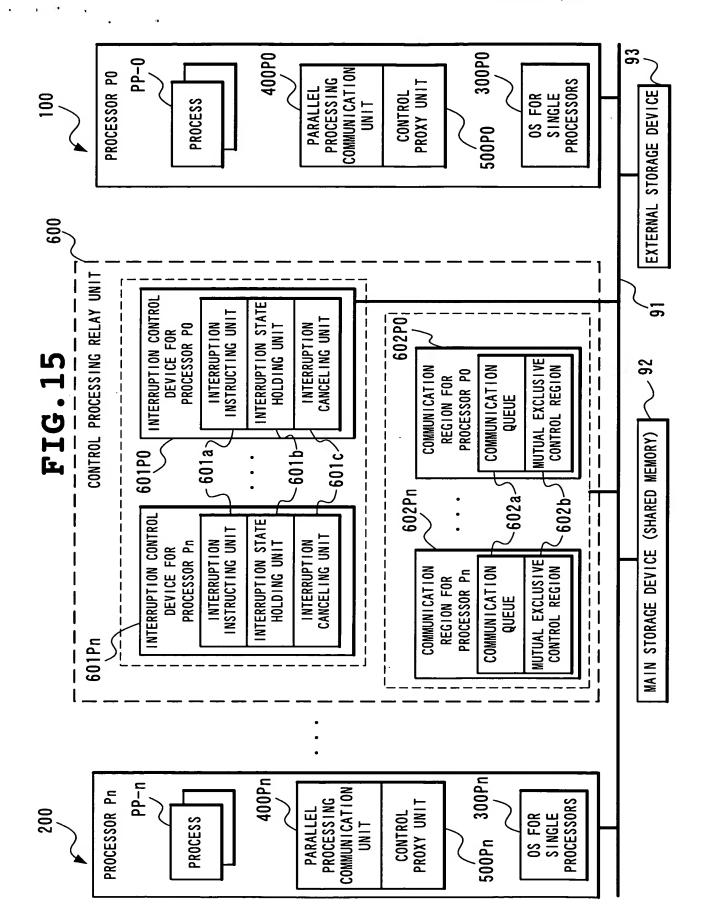


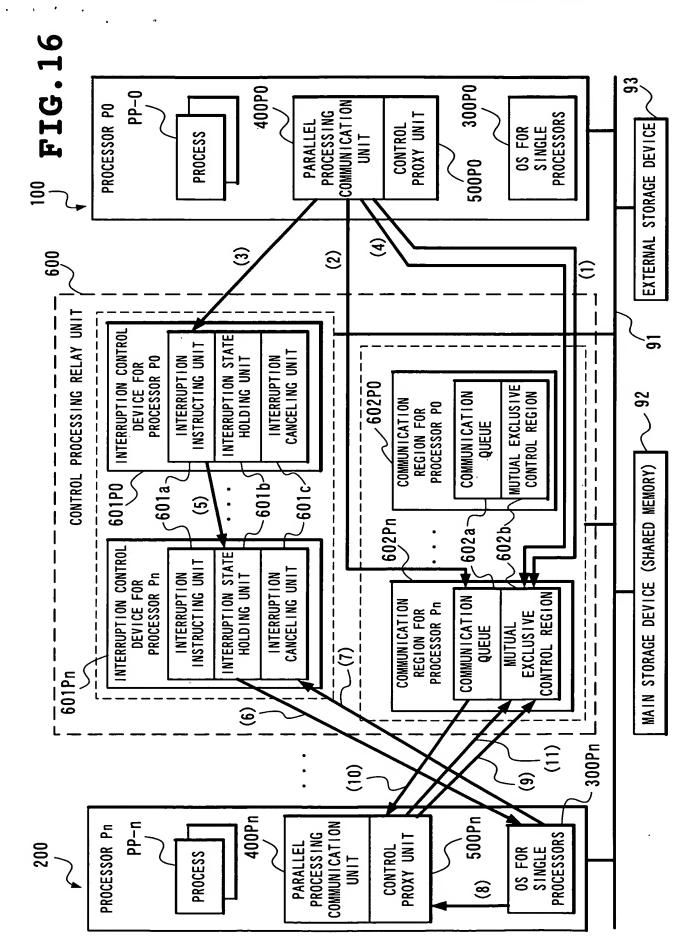


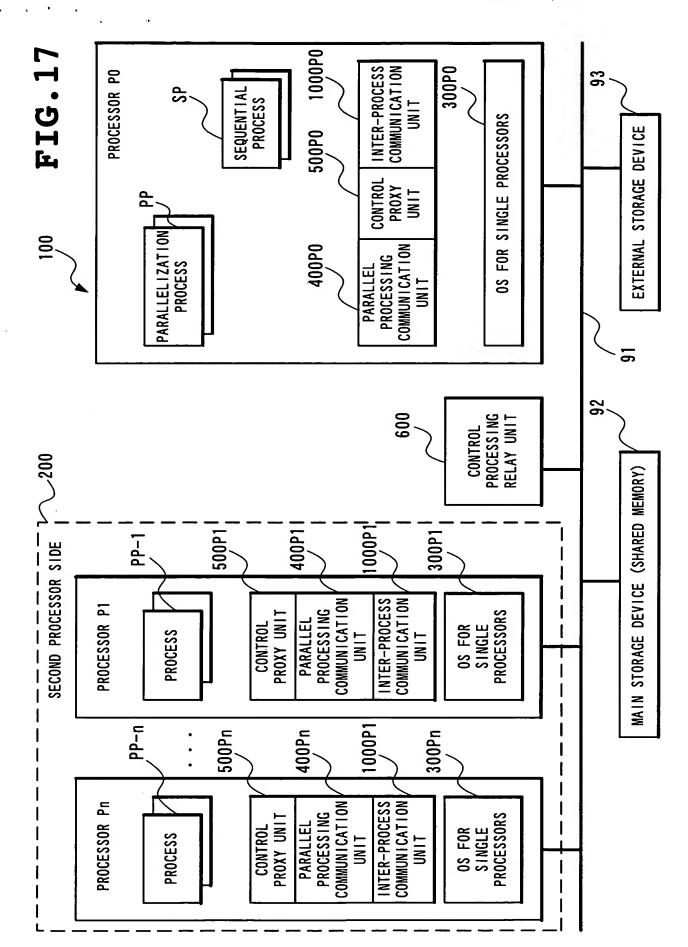


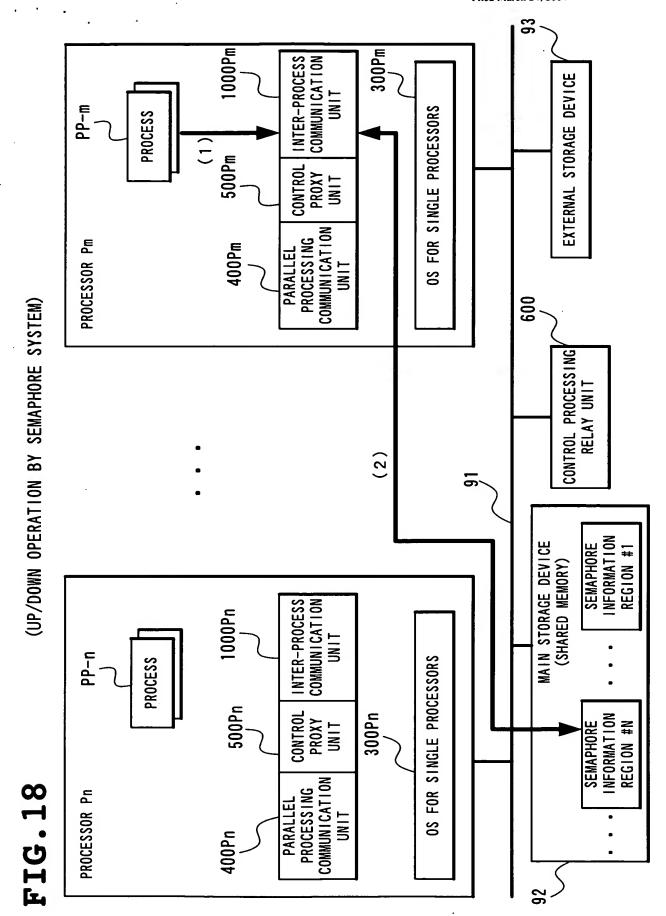


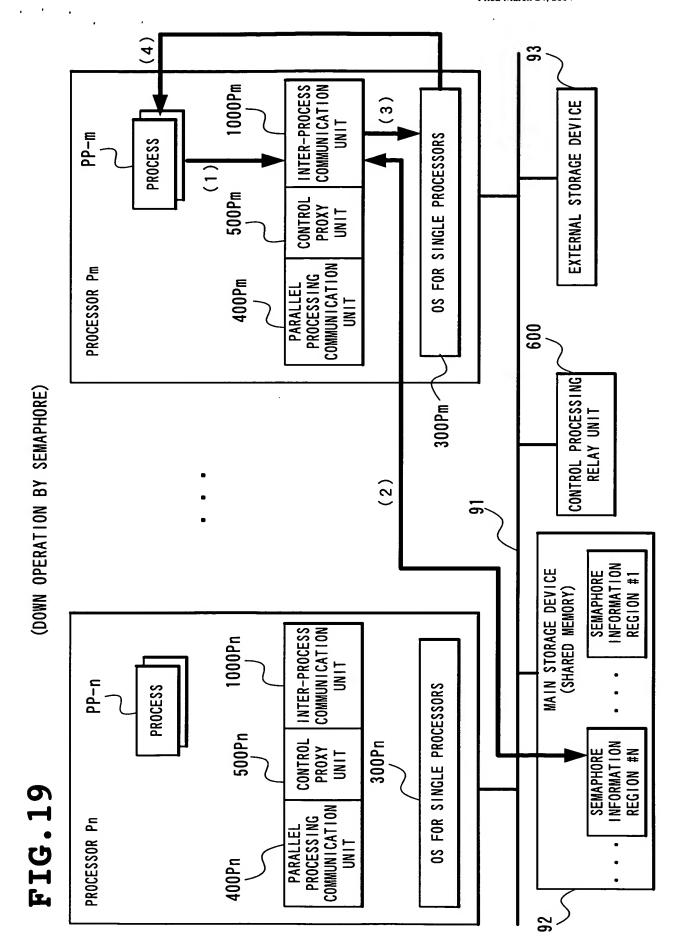


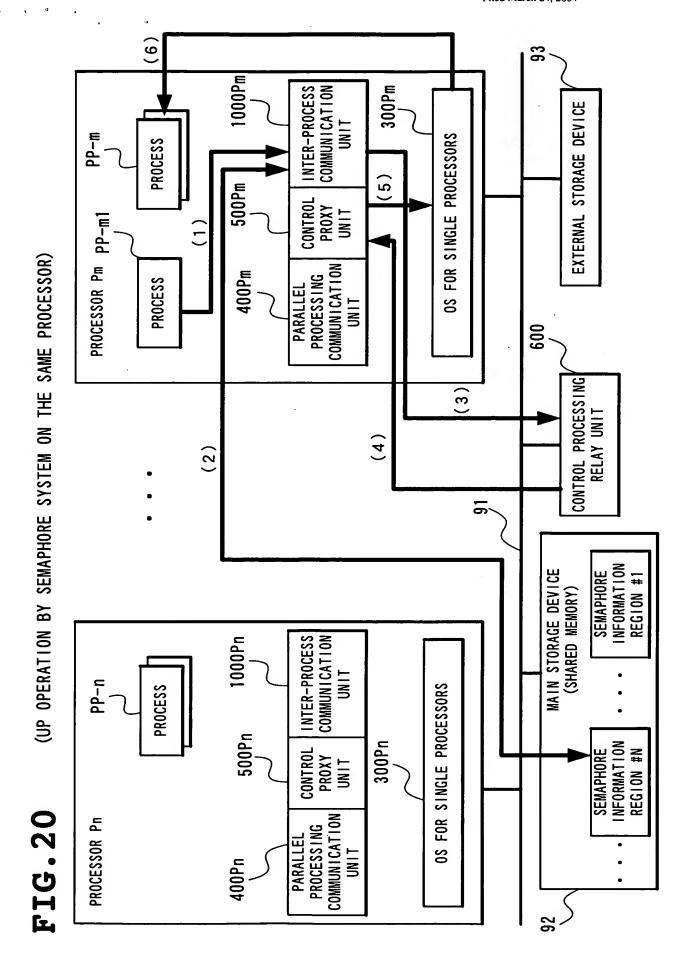












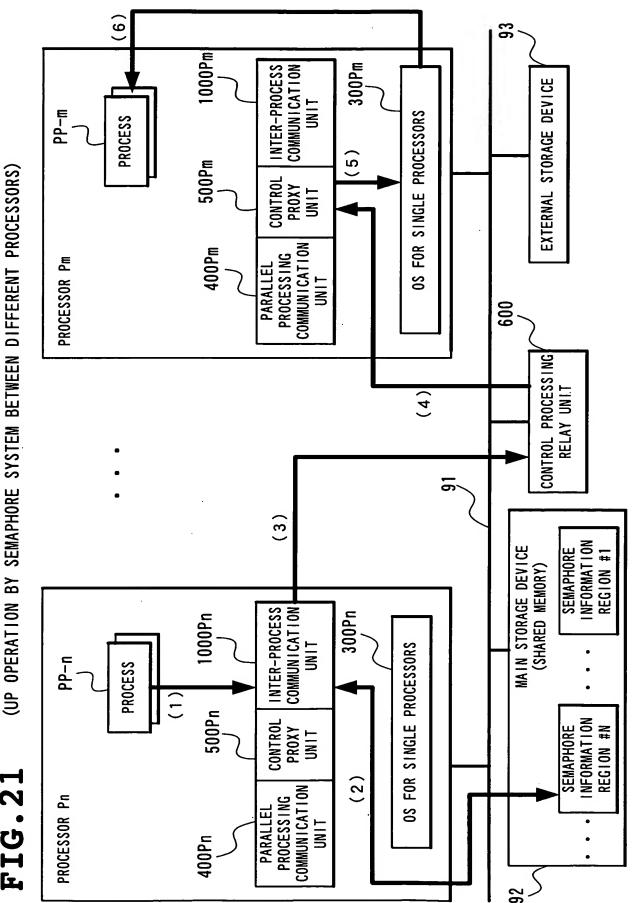
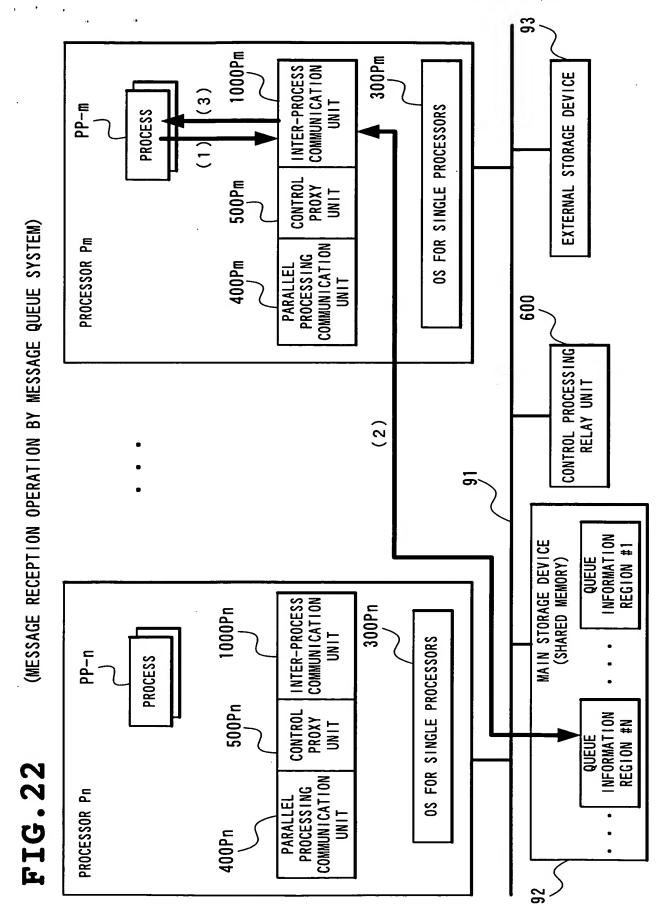
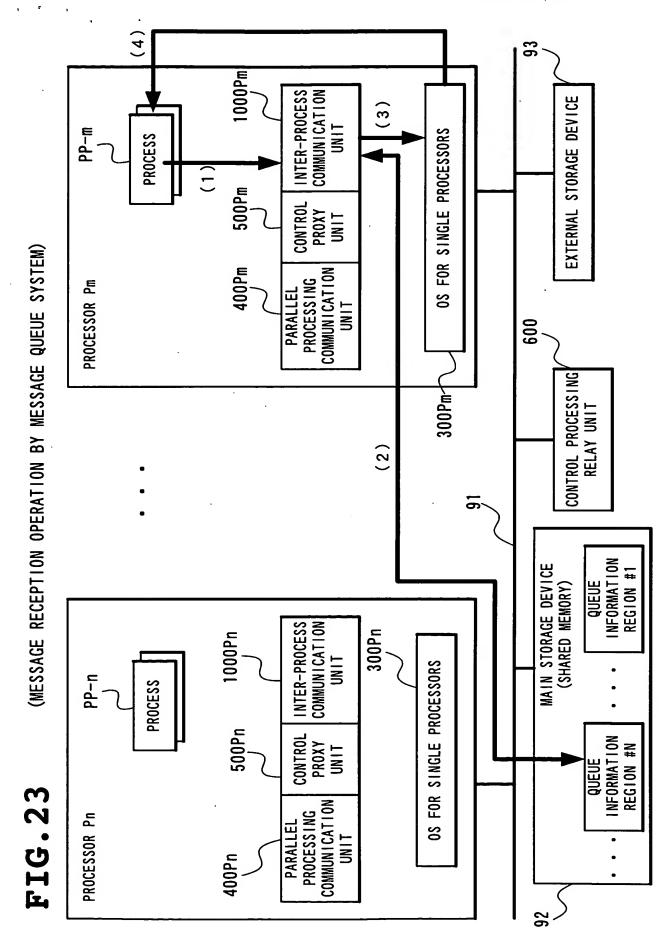
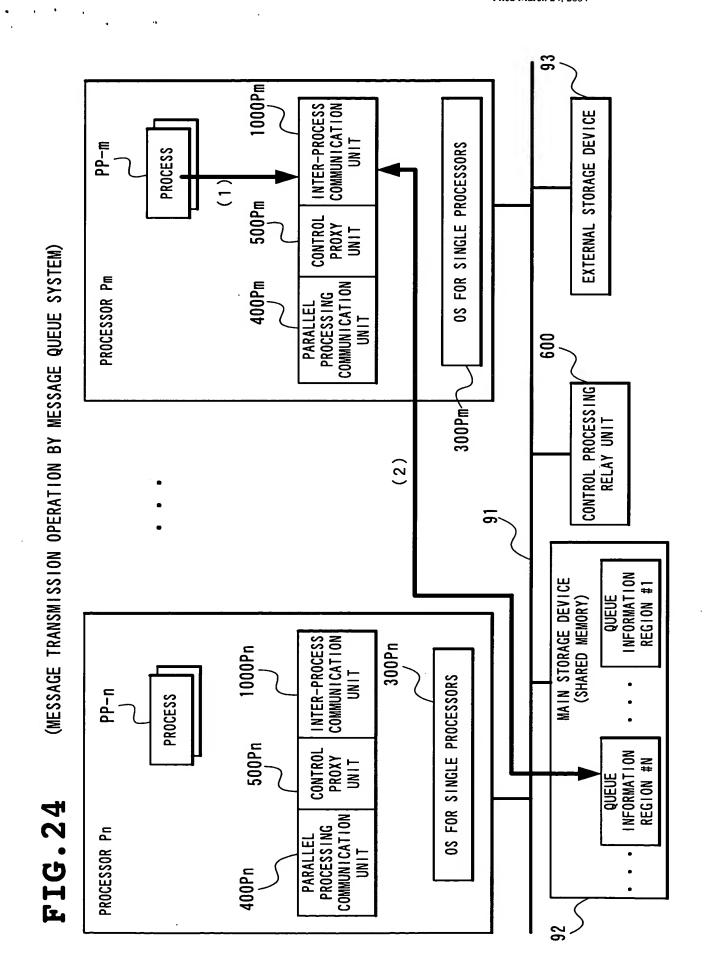
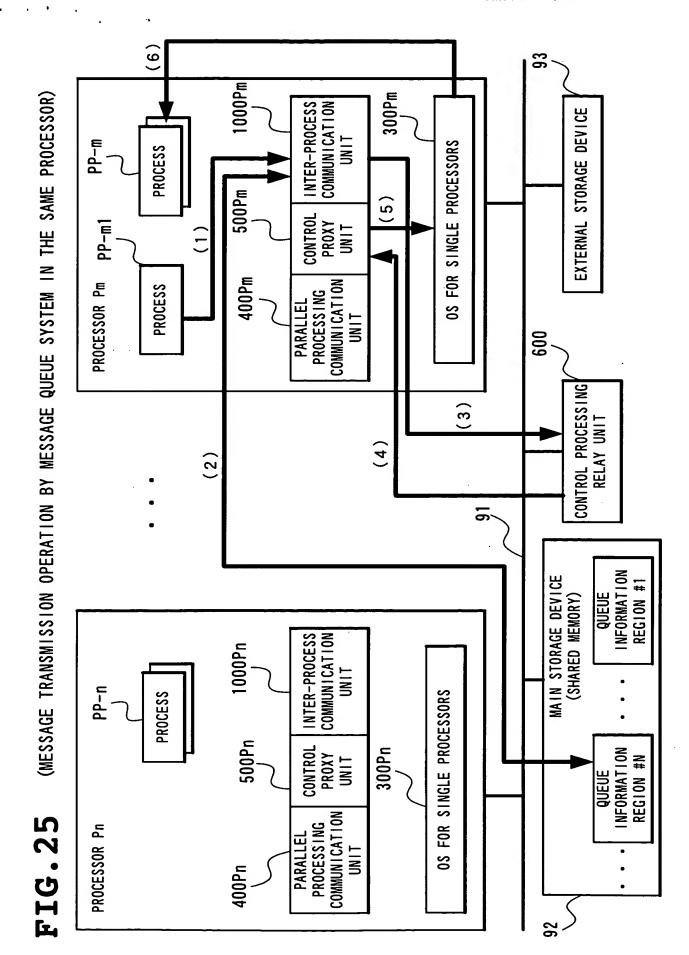


FIG. 21









(MESSAGE TRANSMISSION OPERATION BY MESSAGE QUEUE SYSTEM BETWEEN DIFFERENT PROCESSORS) 9 300Pm INTER-PROCESS COMMUNICATION EXTERNAL STORAGE DEVICE PP-m SINGLE PROCESSORS **PROCESS** 500Pm (5)CONTROL PROXY NN I FOR PROCESSOR Pm 400Pm COMMUNICATION **PROCESSING** PARALLEL S UNIT 900 CONTROL PROCESSING RELAY UNIT (4) (3) I NFORMATION MAIN STORAGE DEVICE (SHARED MEMORY) REG10N #1 QUEUE COMMUNICATION UNIT INTER-PROCESS 300Pn FOR SINGLE PROCESSORS PP-n **PROCESS** (1) 500Pn CONTROL PR0XY UNIT **INFORMATION** REGION #N QUEUE (5)COMMUNICATION **PROCESSING** PROCESSOR Pn PARALLEL OS LINO.

FIG. 26

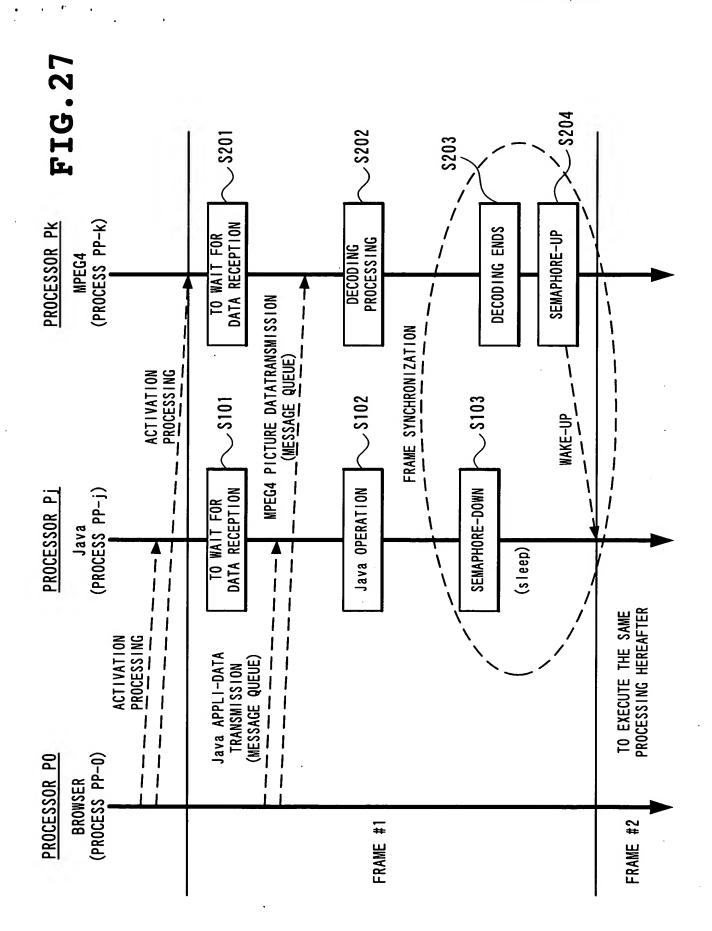


FIG.28

